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VOL. 11 INDEX 1961

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Cooperative ECONOMIC INSECT REPORT

Issued by

PLANT PEST CONTROL DIVISION

AGRICULTURAL RESEARCH SERVICE

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH SERVICE

PLANT PEST CONTROL DIVISION

SURVEY AND DETECTION OPERATIONS

The Cooperative Economic Insect Report is issued weekly as a service to American Agriculture. Its contents are compiled from information supplied by cooperating State, Federal, and industrial entomologists and other agricultural workers. In releasing this material the Division serves as a clearing house and does not assume responsibility for accuracy of the material.

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Survey and Detection Operations
Plant Pest Control Division
Agricultural Research Service
United States Department of Agriculture
Washington 25, D. C.

INTRODUCTION

The format of the 1961 index differs somewhat from that used in 1960. The explanations that follow will aid the user.

1. Page numbers underlined represent references to the "Summary of Insect Conditions in the United States - 1960".

2. The small ° that follows the common name of certain species in the "Common Names" and the "Scientific Names" indicates that the name is not listed in the "Common Names of Insects" as approved by the Entomological Society of America. However, most of these common names are of foreign species and the common names used in the Cooperative Economic Insect Report were taken from literature sources from a country or countries where the species occurs.

3. Complete cross indexing of page references of insects with common names was not used this year. The "Scientific Names" should be used to locate all page references with the exception of those insects or groups of insects where the scientific name was not reported. In this case, the page references will be listed in the "Common Names".

4. A combination of both common and scientific name of an insect or pest may not appear on the page referenced, but one or the other will be present.

5. All insects and/or pests involved in the "Special Reports" have been indexed in the "Common Names" or "Scientific Names" with the exception of those involved in the various loss reports.

6. Footnotes in the "Common Names" and "Scientific Names" are marked by an asterisk.

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(Rhagoletis cerasi)
European chicken flea
(Ceratophyllus gallinae)
European corn borer
(Ostrinia nubilalis)
European earwig
(Forficula auricularia)
European elm scale
(Gossyparia spuria)
European fruit lecanium
(Lecanium corni)
European pine sawfly
(Neodiprion sertifer)
European pine shoot moth
(Rhyacionia buoliana)
European red mite
(Panonychus ulmi)

European spruce sawfly
(Diprion hercyniae)
Eye-spotted bud moth
(Spilonota ocellana)

F

Face fly
(Musca autumnalis)
Fall armyworm
(Laphygma frugiperda)
Fall cankerworm
(Alsophila pometaria)
Fall webworm
(Hyphantria cunea)
False chinch bug
(Nysius ericae)
False chinch bugs
405
False wireworm, a
142
Fern scale
(Pinnaspis aspidistrae)
Field crickets
186, 253, 818, 861
Fig scale
(Lepidosaphes ficus)
Fig wax scale°
(Ceroplastes rusci)
Filbert bud mite
(Phytoptus avellanae)
Filbertworm
(Melissopus latiferreanus)
Fir engraver
(Scolytus ventralis)
Fir seed moth
(Laspeyresia bracteatana)
Fire ant
(Solenopsis geminata)
Flannel moths
729, 843
Flat grain beetle
(Cryptolestes pusillus)
Flatheaded apple tree borer
(Chrysobothris femorata)
Flatheaded borers
992, 1008
Flatheaded fir borer
(Melanophila drummondi)
Flea beetles
194, 403, 428, 445, 449, 453, 479, 498, 505, 533, 601, 722, 754, 780, 847, 1057, 1091, 1092
Fleahoppers
338, 385, 405, 431, 459, 483, 694, 757, 783, 805
Fleas
436, 672, 701, 787
Fletcher scale
(Lecanium fletcheri)
Floodwater mosquito
(Aedes sticticus)
Florida carpenter ant
(Camponotus abdominalis floridanus)
Florida red scale
(Chrysomphalus aonidum)
Florida wax scale
(Ceroplastes floridensis)
Flower thrips
(Frankliniella tritici)
Forage looper
(Caenurgina erechtea)
Forbes scale
(Aspidiotus forbesi)
Forest tent caterpillar
(Malacosoma disstria)
Four-lined plant bug
(Poecilocapsus lineatus)
Four-spotted spider mite
(Tetranychus canadensis)
Fowl tick
(Argas persicus)
Foxglove aphid
(Myzus solani)
Frit fly
(Oscinella frit)
Fruit flies
320, 402, 532
Fruit-tree leaf roller
(Archips argyrospilus)
Fuller rose beetle
(Pantomorus godmani)
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(Anthrenus flavipes)

G

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Garden fleahopper
(Halticus bracteatus)
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1001
Garden springtail
(Bourletiella hortensis)
Garden symphylan
(Scutigerella immaculata)
Garden webworm
(Loxostege similalis)
Geometrid, a
460
German cockroach
(Blattella germanica)
Giant hornet
(Vespa crabro germana)
Gladiolus thrips
(Taeniothrips simplex)
Glassy cutworm
(Crymodes devastator)
Gloomy scale
(Chrysomphalus tenebricosus)
Glover scale
(Lepidosaphes gloverii)
Goat biting louse
(Bovicola caprae)
Goat sucking louse
(Linognathus stenopsis)
Golden nematode
(Heterodera rostochiensis)
Golden oak scale
(Asterolecanium variolosum)
Golden tortoise beetle
(Metriona bicolor)
Golden-eye lacewing
(Chrysopa oculata)
Gooseberry fruitworm
(Zophodia convolutella)
Gout fly°
(Chlorops pumilionis)
Grain mite
(Acarus siro)
Grain thrips
(Limothrips cerealium)
Granary weevil
(Sitophilus granarius)
Granulate cutworm
(Feltia subterranea)
Grape berry moth
(Paralobesia viteana)
Grape cane gall maker
(Ampeloglypter sesostris)
Grape erineum mite
(Eriophyes vitis)
Grape flea beetle
(Altica chalybea)
Grape leaf folder
(Desmia funeralis)
Grape leaf skeletonizer
(Harrisina americana)
Grape mealybug
(Pseudococcus maritimus)
Grape phylloxera
(Phylloxera vitifoliae)
Grape root borer
(Vitacea polistiformis)
Grape scale
(Aspidiotus uvae)
Grape whitefly
(Trialeurodes vittatus)
Grapevine aphid
(Aphis illinoisensis)
Gray garden slug
(Deroceras reticulatum)
Grasshoppers
86, 87, 88, 89, 166, 180, 224, 310, 316, 322, 332, 333, 348, 349, 376, 398, 422, 443, 457, 459, 471, 483, 495, 496, 523, 538, 559, 560, 573, 591, 607, 616, 619, 626, 632, 651, 652, 659, 665, 679, 680, 692, 694, 711, 726, 743, 744, 755, 760, 771, 772, 778, 793, 794, 800, 817, 825, 847, 861, 885, 909, 925, 945, 961, 986, 1015, 1016 1031, 1033, 1085
Grass thrips
(Anaphothrips obscurus)
Great Basin tent caterpillar
(Malacosoma fragile)
Great Basin wireworm
(Ctenicera pruinina)
Green cloverworm
(Plathypena scabra)
Green June beetle
(Cotinis nitida)
Green peach aphid
(Myzus persicae)
Green scale
(Coccus viridis)
Green stink bug
(Acrosternum hilare)
Greenbug
(Toxoptera graminum)
Greenhouse orthezia
(Orthezia insignis)
Greenhouse slug
(Milax gagates)
Greenhouse stone cricket
(Tachycines asynamorus)
Greenhouse thrips
(Heliothrips haemorrhoidalis)
Greenhouse whitefly
(Trialeurodes vaporariorum
Green-striped grasshopper
(Chortophaga viridifasciata)
Green-striped mapleworm
(Anisota rubicunda)
Gregarious oak leaf miner
(Cameraria cincinnatiella)
Ground mealybug
(Rhizoecus falcifer)
Gypsy moth
(Porthetria dispar)

H

Hackberry lace bug
(Corythucha celtidis)
Hackberry nipple gall
(Pachypsylla celtidismamma)
Hairy chinch bug
(Blissus leucopterus hirtus)
Hairy spider beetle
(Ptinus villiger)
Harlequin bug
(Murgantia histrionica)
Hemispherical scale
(Saissetia hemisphaerica)
Hemlock sawfly
(Neodiprion tsugae)
Hemp flea beetle°
(Psylliodes attenuata)

Hessian fly
(Phytophaga destructor)
Hickory horned devil
(Citheronia regalis)
Hickory shuckworm
(Laspeyresia caryana)
Hide beetle
(Dermestes maculatus)
High Plains grasshopper
(Dissosteira longipennis)
Hog louse
(Haematopinus suis)
Hollyhock weevil
(Apion longirostre)
Honey bee
(Apis mellifera)
Honeysuckle sawfly
(Zaraea inflata)
Hop aphid
(Phorodon humuli)
Hop flea beetle
(Psylliodes punctulata)
Hop looper
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Horn fly
(Haematobia irritans)
Horned squash bug
(Anasa armigera)
Hornets
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Horse biting louse
(Bovicola equi)
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(Musca domestica)
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(Scutigera coleoptrata)
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(Pulex irritans)
Hymenopterons
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I

Imbricated snout beetle
(Epicaerus imbricatus)
Imported cabbageworm
(Pieris rapae)
Imported currantworm
(Nematus ribesii)
Imported fir ant
(Solenopsis saevissima richteri)
Imported willow leaf beetle
(Plagiodera versicolora)
Indian-meal moth
(Plodia interpunctella)
Introduced pine sawfly
(Diprion similis)
Io moth
(Automeris io)
Iris borer
(Macronoctua onusta)
Italian pear scale
(Epidiaspis piricola)
Italian grasshopper°
(Calliptamus italicus)

J

Jack-pine budworm
(Choristoneura pinus)
Japanese beetle
(Popillia japonica)
Japanese orange fly°
(Dacus tsuneonis)
Jeffrey pine beetle
(Dendroctonus jeffreyi)
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734
Juniper scale
(Diaspis carueli)
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(Dichomeris marginella)

K

Khapra beetle
(Trogoderma granarium)
Koa seedworm
(Cryptophlebia illepida)

L

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116, 146, 156, 157, 231, 268, 278, 297, 325, 326, 341, 342, 360, 389, 409, 436, 463, 464, 517, 545, 583, 612, 613, 639, 673, 701, 733, 763, 787, 810, 833, 854, 920, 932, 954, 970, 993, 994, 1025
Larch bud moth, a
(Zeiraphera griseana)
Larch casebearer
(Coleophora laricella)
Larch sawfly
(Pristiphora erichsonii)
Larder beetle
(Dermestes lardarius)
Large aspen tortrix
(Choristoneura conflictana)
Large pine weevil°
(Hylobius abietis)
Large white butterfly°
(Pieris brassicae)
Larger elm leaf beetle
(Monocesta coryli)
Larger yellow ant
(Acanthomyops interjectus)
Lawn armyworm
(Spodoptera mauritia acronyctoides)
Lead-cable borer
(Scobicia declivis)
Leaf crumpler
(Acrobasis indigenella)
Leaf miners
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306, 430, 485, 608, 724, 981
Leaf skeletonizer, a
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Leaf tier, a
449
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(Leptoglossus phyllopus)
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Leek moth°
(Acrolepia assectella)
Leopard moth
(Zeuzera pyrina)
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383, 398
Lesser bulb fly
(Eumerus tuberculatus)
Lesser clover leaf weevil
(Hypera nigrirostris)
Lesser cornstalk borer
(Elasmopalpus lignosellus)
Lesser grain borer
(Rhyzopertha dominica)
Lesser mealworm
(Alphitobius diaperinus)
Lesser peach tree borer
(Synanthedon pictipes)
Lettuce root aphid
(Pemphigus bursarius)
Lice
230, 297, 341, 1118
Light-brown apple moth°
(Austrotortrix postvittana)
Lilac borer
(Podosesia syringae syringae)
Lilac leaf miner
(Gracilaria syringella)
Lima-bean pod borer
(Etiella zinckenella)
Lima-bean vine borer
(Monoptilota pergratialis)
Linden looper
(Erannis tiliaria)
Little black ant
(Monomorium minimum)
Little house fly
(Fannia canicularis)
Locust borer
(Megacyllene robiniae)
Locust leaf miner
(Xenochalepus dorsalis)
Lodgepole needle miner
("Recurvaria" milleri)
Lodgepole terminal weevil
(Pissodes terminalis)
Lone star tick
(Amblyomma americanum)
Long-nosed cattle louse
(Linognathus vituli)
Long-tailed mealybug
(Pseudococcus adonidum)
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Lubber grasshopper
(Brachystola magna)
Luna moth
(Actias luna)
Lymantriid, a
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Maize billbug
(Sphenophorus maidis)
Mango weevil
(Sternochetus mangiferae)
Maple bladder-gall mite
(Vasates quadripedes)
Maple petiole borer
(Caulocampus acericaulis)
Maple trumpet skelentonizer
(Epinotia aceriella)
Margined blister beetle
(Epicauta pestifera)
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(Reduvius personatus)
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Meadow plant bug
(Leptopterna dolabratus)

Meadow spittlebug
(Philaenus spumarius)
Meal moth
(Pyralis farinalis)
Mealy plum aphid
(Hyalopterus pruni)
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217, 219
Mediterranean flour moth
(Anagasta kühniella)
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(Ceratitis capitata)
Melon fly
(Dacus cucurbitae)
Melonworm
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1047
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(Melanoplus bilituratus)
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(Homadaula albizziae)
Mirids
452, 562
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48, 145, 186, 211, 321, 398, 457, 535, 594, 724, 823, 870, 1000, 1012, 1055
Monarch butterfly
(Danaus plexippus)
Mormon cricket
(Anabrus simplex)
Morning-glory leaf miner
(Bedellia somnulentella)
Moroccan locust*
(Dociostaurus moroccanus)
Mottled tortoise beetle
(Deloyala guttata)
Mosquitoes
17, 37, 69, 115, 146, 156, 198, 230, 247, 324, 341, 359, 388, 408, 435, 462, 487, 515, 543, 582, 612, 637, 672, 701, 733, 786, 833, 872, 894, 919, 932, 953, 993
Mountain leafhopper
(Colladonus montanus)
Mountain pine beetle
(Dendroctonus monticolae)
Mountain-ash sawfly
(Pristiphora geniculata)
Mourning-cloak butterfly
(Nymphalis antiopa)
Mulberry whitefly
(Tetraleurodes mori)
Mushroom mite
(Tyrophagus putrescentiae)

N

Nabids
297, 389
Nantucket pine tip moth
(Rhyacionia frustrana)
Narrow-winged mantis
(Tenodera angustipennis)
Native elm bark beetle
(Hylurgopinus rufipes)
Native holly leaf miner
(Phytomyza ilicicola)
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(Paramyelois transitella)
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746, 795
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199
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(Hypoderma bovis)
Northern corn rootworm
(Diabrotica longicornis)
Northern fowl mite
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Northern masked chafer
(Cyclocephala borealis)
Northern mole cricket
(Gryllotalpa hexadactyla)
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(Periphyllus lyropictus)

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Oak gall, an
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Oak lace bug
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669
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(Lecanium quercifex)
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(Bucculatrix ainsliella)
Oak webworm
(Archips fervidanus)
Oblique-banded leaf roller
(Archips rosaceanus)
Obscure scale
(Chrysomphalus obscurus)
Odorous house ant
(Tapinoma sessile)
Oedemerid beetles
8
Old-house borer
(Hylotrupes bajulus)
Oleander scale
(Aspidiotus hederae)
Olive fruit fly*
(Dacus oleae)
Olive moth*
(Prays oleellus)
Olive scale
(Parlatoria oleae)
Omnivorous leaf tier
(Cnephasia longana)
Omnivorous looper
(Sabulodes caberata)
Onion bulb fly
(Eumerus strigatus)
Onion maggot
(Hylemya antiqua)
Onion thrips
(Thrips tabaci)
Orange-dog
(Papilio cresphontes)
Orange-striped oakworm
(Anisota senatoria)
Orange tortrix
(Argyrotaenia citrana)
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Orchidfly
(Eurytoma orchidearum)
Oregon fir sawyer
(Monochamus oregonensis)
Oriental beetle
(Anomala orientalis)
Oriental cockroach
(Blatta orientalis)
Oriental fruit fly
(Dacus dorsalis)
Oriental fruit moth
(Grapholitha molesta)
Oystershell scale
(Lepidosaphes ulmi)

P

Pacific Coast tick
(Dermacentor occidentalis)
Pacific Coast wireworm
(Limonius canus)
Pacific flatheaded borer
(Chrysobothris mali)
Pacific spider mite
(Tetranychus pacificus)
Packard grasshopper
(Melanoplus packardii)
Painted beauty
(Vanessa virginiensis)
Painted leafhopper
(Endria inimica)
Painted lady
(Vanessa cardui)
Painted maple aphid
(Drepanaphis acerifoliae)
Pale tussock moth
(Halisidota tessellaris)
Pale western cutworm
(Agrotis orthogonia)
Pale-sided cutworm
(Agrotis malefida)
Pale-striped flea beetle
(Systena blanda)
Pales weevil
(Hylobius pales)
Pandora moth
(Coloradia pandora)
Parlatoria date scale
(Parlatoria blanchardi)
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326, 639, 854, 1111
Pavement ant
(Tetramorium caespitum)
Pea aphid
(Macrosiphum pisi)
Pea leaf miner
(Liriomyza langei)
Pea leaf weevil
(Sitona lineata)
Pea moth
(Laspeyresia nigricana)
Pea weevil
(Bruchus pisorum)
Peach fruit moth*
(Carposina niponensis)
Peach silver mite
(Aculus cornutus)
Peach tree borer
(Sanninoidea exitiosa)
Peach twig borer
(Anarsia lineatella)
Pear lace bug*
(Stephanitis pyri)
Pear leaf blister mite
(Eriophyes pyri)
Pear midge
(Contarinia pyrivora)
Pear psylla
(Psylla pyricola)
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(Taeniothrips inconsequens)
Pear-slug
(Caliroa cerasi)
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532
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Pecan cigar casebearer
(Coleophora caryaefoliella)
Pecan leaf casebearer
(Acrobasis juglandis)
Pecan leafroll mite
(Aceria caryae)
Pecan nut casebearer
(Acrobasis caryae)
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(Phylloxera devastatrix)
Pecan spittlebug
(Clastoptera achatina)
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(Curculio caryae)
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307
Pepper maggot
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306, 308
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674
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(Neophasia menapia)
Pine chafer
(Anomala oblivia)
Pine colaspis
(Maecolaspis pini)
Pine false webworm
(Acantholyda erythrocephala)
Pine leaf aphid
(Pineus pinifoliae)
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974
Pine needle scale
(Phenacaspis pinifoliae)
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(Dasychira plagiata)
Pine webworm
(Tetralopha robustella)
Pineapple scale
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Pink bollworm
(Pectinophora gossypiella)
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(Pyroderces rileyi)
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432
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(Conotrachelus nenuphar)
Plum gouger
(Anthonomus scutellaris)
Plum rust mite
(Aculus fockeui)
Plum web-spinning sawfly
(Neurotoma inconspicua)
Polyphemus moth
(Antheraea polyphemus)
Ponderosa-pine cone beetle
(Conophthorus ponderosae)
Poplar borer
(Saperda calcarata)
Poplar tent maker
(Ichthyura inclusa)
Poplar vagabond aphid
(Mordwilkoja vagabunda)
Poplar-and-willow borer
(Sternochetus lapathi)
Potato aphid
(Macrosiphum euphorbiae)
Potato flea beetle
(Epitrix cucumeris)
Potato leafhopper
(Empoasca fabae)
Potato psyllid
(Paratrioza cockerelli)
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(Trichobaris trinotata)
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6, 147, 282
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(Megalopyge opercularis)
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R

Rabbit fur mite°
(Cheyletiella parasitivorax)
Ragweed plant bug
(Chlamydatus associatus)
Raisin moth
(Ephestia figulilella)
Range caterpillar
(Hemileuca oliviae)
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(Tipula simplex)
Rapid plant bug
(Adelphocoris rapidus)
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(Oberea bimaculata)
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321
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Red flour beetle
(Tribolium castaneum)
Red harvester ant
(Pogonomyrmex barbatus)
Red pumpkin beetle°
(Raphidopalpa foveicollis)
Red tick°
(Rhipicephalus evertsi evertsi)
Red turnip beetle
(Entomoscelis americana)
Red turpentine beetle
(Dendroctonus valens)
Red wax scale
(Ceroplastes rubens)
Red-backed cutworm
(Euxoa ochrogaster)
Red-banded leaf roller
(Argyrotaenia velutinana)
Red-headed pine sawfly
(Neodiprion lecontei)
Red-humped caterpillar
(Schizura concinna)
Red-humped oakworm
(Symmerista albifrons)
Red-legged grasshopper
(Melanoplus femurrubrum)
Red-legged ham beetle
(Necrobia rufipes)
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(Stegasta basqueella)
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(Ramosia rhododendri)
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(Stephanitis rhododendri)
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(Lixus concavus)
Rice delphacid
(Sogata orizicola)
Rice moth°
(Corcyra cephalonica)
Rice pentatomid bug°
(Scotinophara lurida)
Rice stalk borer
(Chilo plejadellus)
Rice stink bug
(Oebalus pugnax pugnax)
Rice water weevil
(Lissorhoptrus oryzophilus)
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(Sitophilus oryzae)
Ring-legged earwig
(Euborellia annulipes)
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(Dermacentor andersoni)
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